

**XP-002276540**

**AN - 2001-220680 [23]**

**AP - JP19990170934 19990617**

**CPY - NIRA**

**DC - A23 A92**

**FS - CPI**

**IC - B29C55/12 ; B29K67/00 ; B29L7/00 ; C08J5/18**

**MC - A05-E04C A05-ED4E A05-F A07-A03A A07-A03C A09-A09 A11-B02A A12-P01A**

**PA - (NIRA ) UNITIKA LTD**

**PN - JP2001002800 A 20010109 DW200123 C08J5/18 004pp**

**PR - JP19990170934 19990617**

**XA - C2001-066119**

**XIC - B29C-055/12 ; B29K-067/00 ; B29L-007/00 ; C08J-005/18**

**AB - JP2001002800 NOVELTY - The gas barrier property polyester film consists of 60-90 weight% (wt.%) of polyethylene terephthalate (PET) and 40-10 wt.% of metaxylylene adipamide (MXD6). The relative viscosity ( eta ra) of PET and relative viscosity ( eta rb) of MXD6, satisfies the relation, 11.0 at most eta ra multiply 10- eta rb at most 12.0.**

**- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture of gas barrier property polyester film which involves performing biaxial orientation of unstretched film of PET and MXD6, in vertical and horizontal direction.**

**- USE - For packaging foodstuffs.**

**- ADVANTAGE - The polyester film excels in gas barrier property and transparency. The polyester film has excellent exterior surface.**

**- (Dwg.0/0)**

**IW - GAS BARRIER PROPERTIES POLYESTER FILM FOOD PACKAGE CONSIST MIXTURE POLYETHYLENE TEREPHTHALATE POLY ADIPAMIDE RELATIVE VISCOSITY SATISFY SPECIFIED RELATED**

**IKW - GAS BARRIER PROPERTIES POLYESTER FILM FOOD PACKAGE CONSIST MIXTURE POLYETHYLENE TEREPHTHALATE POLY ADIPAMIDE RELATIVE VISCOSITY SATISFY SPECIFIED RELATED**

**NC - 001**

**OPD - 1999-06-17**

**ORD - 2001-01-09**

**PAW - (NIRA ) UNITIKA LTD**

**TI - Gas barrier property polyester film for foodstuffs packaging, consists of mixture of polyethylene terephthalate and poly metaxylylene adipamide, whose relative viscosity satisfies specified relation**

**A01 - [001] 018 ; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63 D90 E21 E00 ; S9999 S1285-R**

**- [002] 018 ; E13 E00 ; P0635-R F70 D01 ; S9999 S1285-R**

**- [003] 018 ; ND01 ; Q9999 Q8366-R ; Q9999 Q7589-R ; N9999 N5925 N5914 ; B9999 B5163 B5152 B4740 ; B9999 B4864 B4853 B4740 ; B9999 B3554-R ; B9999 B4397 B4240 ; K9870 K9847 K9790**